PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004

| | CLAIMS AS FILED - PART I | | | | | | SMALL ENTITY | | | - | OTHER THAN | |
|--------------------------|--|---|---------------|---|--------------|------------------|--------------|--------------------|------------------------|---------|---------------------|------------------------|
| L | | | (Col | (Column 1) (Column 2) | | | TYPE | | | OF | | |
| U.S | S. NATIONAL | STAGE FEES | | | | | | RATE | FEE | | RATE | FEE |
| BA: | SIC FEE | | SMALL E | NT. = \$ 150 LARGE ENT. = \$ 300 | | | | BASIC FEE | | OF | BASIC FEE | 300 |
| EXAMINATION FEE | | | | PCT Article 33(1)- All other situations = \$50 / \$ 100 | | | | EXAM. FEE | | | EXAM. FEE | 200 |
| SEARCH FEE | | | ALL other | = \$ 50 / \$ 100 countries = 0 / \$ 400 All other sift@fions = \$ 250 / \$ 500 | | | | SEARCH FEE | | | SEARCH FEE | 1 |
| FEE FOR EXTRA SPEC. PGS. | | | m | minus 100 = | | / 50 = | | X \$ 125 = | | 7 | X \$ 250 = | |
| TOTAL CHARGEABLE CLAIMS | | | 27 minus 20 = | | . 7 | | | X \$ 25 = | | OR | X \$ 50 = | 35 |
| INDEPENDENT CLAIMS | | | 3 | minus 3 = | • | | | X \$ 100 = | | OR | X \$ 200 = | |
| MUL | MULTIPLE DEPENDENT CLAIM PRESENT | | | | | | - 1 | + \$ 180 = | | OR | + \$ 360 = | |
| • If | ff the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | | TOTAL | | OR | TOTAL | 1250 |
| | | (Column 1) CLAIMS REMAINING | AMENDE | Colum | nn 2) EST | (Column 3) | ſ | SMALL E | ADDI- | OR] | OTHER SMALL I | ADDI- |
| Ϋ́ | | AFTER AMENDMENT | | PREVIO PAID F | USLY | EXTRA | | RATE | TIONAL FEE | | RATE | TIONAL FEE |
| AMENDMENT A | Total | • | Minus | ** | | = | | X \$ 25 = | | OR | X \$ 50 = | |
| AME) | Independent | • | Minus | *** | | = | | X \$ 100 = | | OR | X \$ 200 = | |
| | FIRST PRES | SENTATION OF M | ULTIPLE DEI | PENDENT C | LAIM | | | + \$ 180 = | | OR | + \$ 360 = | |
| | | | | | | | 7 | OTAL ADDIT. FEE | | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | (Colum | n 2) | (Column 3) | | | | | | |
| ENI B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHE NUMBI PREVIOL PAID FO | ER ISLY | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| | Total | • | Minus | ** | | = | Γ | X \$ 25 = | | OR | X \$ 50 = | |
| AMENDIA | ndependent | • | Minus | *** | - | = | | X \$ 100 = | | OR | X \$ 200 = | |
| Г | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | + \$ 180 = | | OR | + \$ 360 = | |
| | | ······································ | | | | | T | OTAL ADDIT. FEE | | OR | TOTAL ADDIT. FEE | |

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".

If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".

The "Highest Number Previously Pald For" (Total or Independent) is the highest number found in the appropriate box in column 1.

UNITED STATES PATENT & TRADEMARK OFFICE Washington, D.C. 20231

| REQUEST FOR PATENT FEE REFUND | | | | | | | | |
|--|---|-----------------------------|-----|-----------------|----------|--|--|--|
| 1 Date of Request: 2 Serial/Patent # 10/519289 | | | | | | | | |
| 3 Ple | ease refund the following fee(s): | 4 PAPER NUMBER | | 5 DATE FILED | 6 AMOUNT | | | |
| | Filing | J | | 12/21/04 | \$ 100 | | | |
| | Amendment | | - | | \$ | | | |
| | Extension of Time | | | | \$ | | | |
| | Notice of Appeal/Appeal | | | | \$ | | | |
| | Petition | | | | \$ | | | |
| | Issue | | | | \$ | | | |
| | Cert of Correction/Terminal Disc. | | | | \$ | | | |
| | Maintenance | | | | \$ | | | |
| | Assignment | | | | \$ | | | |
| | Other | | | | \$ | | | |
| | | 7 TOTAL AMOUNT OF REFUND | | | \$ | | | |
| | *************************************** | 8 TO BE REFUNDED BY: | | | | | | |
| 10 RE | ASON: | Treasury Check | | | | | | |
| | Overpayment | Credit Deposit A/C #: | | | | | | |
| | Duplicate Payment | | , 5 | 0 1 | 379 | | | |
| | No Fee Due (Explanation): | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 11 REFUND REQUESTED BY: | | | | | | | | |
| TYPED/PRINTED NAME: # DINISUN TITLE: Parallegal SIGNATURE: A SUN AND PHONE: 308-9/190 | | | | | | | | |
| SIGNATURE: 4 CFRMUND PHONE: 308-9/40 | | | | | | | | |
| office: | | | | | | | | |
| THIS SPACE RESERVED FOR FINANCE USE ONLY: | | | | | | | | |
| APPROVED: DATE: | | | | | | | | |
| | | | | | | | | |

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:

PORM PTO 1577 (01/90) Office of Finance Refund Branch Crystal Park One, Room 802B